



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<div>REGISTERED CIVIL ENGINEER</div> <div>January 24, 2005</div> <div>PLANS APPROVAL DATE</div> <div>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</div> <div>To get to the Caltrans web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a></div>					
<div>REGISTERED PROFESSIONAL ENGINEER</div> <div>Tillat Sattar</div> <div>No. C42892</div> <div>Exp. 03-31-2006</div> <div>CIVIL</div> <div>STATE OF CALIFORNIA</div>					
To accompany plans dated _____					

### GENERAL NOTES

- DESIGN:
- AASHTO Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated 2001.
- CONSTRUCTION:
- Standard Specifications and the Special Provisions.
- LOADING:
- WIND LOADING:
- Normal to face of sign: 1930 Pa on 100% panel coverage.
- Transverse to face of sign: 20% of normal force.
- WALKWAY LOADING:
- Dead load +229 kg concentrated live load.
- UNIT STRESSES:
- STRUCTURAL STEEL:  $f_y = 250$  MPa
- REINFORCED CONCRETE:  $f_y = 415$  MPa
- $f'_c = 25$  MPa
- FOOTING SOIL PRESSURE: 120 kPa (spread footing)
- MINIMUM CLEARANCE
- Vertical roadway clearance 5.50 m above roadway and shoulders
- WELDING:
- All welding continuous unless otherwise noted on the plans.

### NOTES

1. Drill and tap for Size 63 recessed pipe plug.
2. Changeable Message Sign will be State-furnished.
3. For location and elevation of sign structure see Project Plans.
4. Sign support post shall be raked out of plumb with leveling nuts to make the bottom of the sign frame level.
5. At final position of post top and bottom nuts shall be tightened against base plate.
6. See Project Plans.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN-TRUSS  
SINGLE POST TYPE LAYOUT  
UNBALANCED BUTTERFLY  
CHANGEABLE MESSAGE SIGNS  
MODEL 500**

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S101 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S101  
DATED JULY 1, 2004-PAGE 378 OF THE STANDARD PLANS BOOK DATED JULY 2004.

**REVISED STANDARD PLAN RSP S101**